

43504102

COMO CS switch body, I-0-II Bypass function, 4P, door mounting, 25A



Strong points

- Simple installation
- Quick mounting
- Effective in all circumstances

General characteristics

- Range from 25 A to 100 A.
- Available in 3P or 4P.
- Rear mounting or door mounting.
- Available as stand-alone switches or enclosed.

Compliance with standards

- IEC 60947-3
- UL 60947-4-1

Link to the reference

<https://www.socomec.us/en-us/reference/43504102>

They ensure switching, transfer of sources or transfer of two low voltage circuits on load as well as their safe disconnection.

----- System -----

| | |
|-----------------------------|-----|
| Fill rate E-Order Common | 71 |
| Fill rate E-Order Selection | 100 |

Certificates and Declaration

| | |
|---------------------------|---|
| Conformity to standard #1 | UL60947-4-1 |
| Conformity to standard #2 | CSA-C22.2 No. 60947-4-1 |
| Conformity to standard #3 | IEC 60947-3 |
| Proposition 65 California | WARNING This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to: www.P65Warnings.ca.gov |

Standards

| | |
|-------------------------|------------|
| Conformity to standards | IEC UL |
|-------------------------|------------|

Certificates and Declaration - Safety

| | |
|----------------|---------|
| UL file number | E173959 |
|----------------|---------|

Technical Characteristics

| | |
|-------------------|-----------------------|
| Control operator | Direct / External : L |
| Number of poles | 4 |
| Rated current [A] | 25 |
| Type | door mounting |
| Frame size | CSd |

Technical Characteristics - Connection terminals

| | |
|-------------------------------|-----|
| Max. connection section / AWG | #12 |
| Min. connection section / AWG | #14 |

Technical Characteristics - Environmental

| | |
|-----------------------|--------------------------------|
| Operating temperature | -4 ... +122°F / -20 ... +50°C |
| Storage temperature | -40 ... +158°F / -40 ... +70°C |

Technical Characteristics - Mechanical

| | |
|--|---------|
| Endurance (number of operating cycles) | 100000 |
| Operating torque [lbs.in/Nm] | 8.8 / 1 |

Technical Characteristics - Short-circuit capacity

| | |
|--------------------------------------|-----|
| Max fuse rating [A] | 150 |
| Short circuit rating at 600 VAC [kA] | 10 |
| Type of fuse | RK5 |

ETIM - Electrical characteristics

| | |
|---|----------|
| Max. rated operation voltage Ue AC [V] | 690 |
| Rated operating voltage [V] | 400..690 |
| Rated permanent current Iu [A] | 25 |
| Rated permanent current at AC-23, 400 V [A] | 15 |
| Rated permanent current at AC-21, 400 V [A] | 25 |
| Rated operation power at AC-3, 400 V [kW] | 12 |
| Rated operation power at AC-23, 400 V [kW] | 7.5 |
| Switching power at 400 V [kW] | 7.5 |
| Conditioned rated short-circuit current Iq [kA] | 7 |
| Number of poles | 4 |

ETIM - Mechanical characteristics

| | |
|--|-------|
| Suitable for floor mounting | No |
| Suitable for front mounting 4-hole | Yes |
| Suitable for front mounting centre | Yes |
| Suitable for distribution board installation | No |
| Suitable for intermediate mounting | No |
| Colour control element | Black |
| Degree of protection (IP), front side | IP20 |

ETIM - Technical features

| | |
|---|--|
| Version as main switch | Yes |
| Version as maintenance-/service switch | Yes |
| Version as safety switch | Yes |
| Version as emergency stop installation | No |
| Version as reversing switch | Yes |
| Number of switches | 1 |
| Motor drive optional | No |
| Motor drive integrated | No |
| Voltage release optional | No |
| Device construction | Built-in device fixed built-in technique |
| Type of control element | Short thumb-grip |
| Interlockable | Yes |
| Type of electrical connection of main circuit | Cable clamp |

Logistics

| | |
|----------------------------|---------------|
| GTIN/EAN | 3596033033834 |
| Customs number | 8536508090 |
| Price unit | PC |
| Weight of the packing unit | 0.197 |
| Length of the packing unit | 0.11 |
| Width of the packing unit | 0.07 |
| Depth of the packing unit | 0.08 |

Product Details

| | |
|----------------------------|------------|
| Effective date | 2018-09-18 |
| Country of origin | DE |
| Discount Policy | 1CH10 |
| Discount Policy Label | COMO C |
| Length of the product unit | 0.039 |
| Width of the product unit | 0.1161 |
| Depth of the product unit | 0.04 |

Classification

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|------------|----------|
| UNSPSC | 39122205 |
| ETIM Class | EC000216 |
| IGCC | 5177 |